

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

1 of 7 Pages

SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Name:

ALKOLUB 8736

Chemical Name:

BLEND OF ESTERS

CAS#:

CHEMICAL BLEND

Recommended Use:

LUBRICANT

Manufacturer's/Supplier's Identification:

Alko America

P.O. Box 5771

Spartanburg, SC 29304

Emergency Phone Number: 864-573-7585

Section 2. Hazards Identification

Classification:

Skin Irritation - Category 2

Eye Damage/Irritation - Category 1

Signal Word:

DANGER!

Symbol:



Hazard Statements:

Health

Causes skin irritation. Causes serious eye damage.

Precautionary Statements:

Prevention

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF ON SKIN: Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor.

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

2 of 7 Pages

SECTION 3. Composition/Information On Hazardous Ingredients

| Component Name | CAS Number | % by Weight |
|---|------------|-------------|
| 5(or 6)-CARBOXY-4-HEXYLCYCLOHEX-2-ENE-1-OCTANOIC ACID | 53980-88-4 | 37 to 38 |
| ETHOXYLATED NONYLPHENOL PHOSPHATE | 51811-79-1 | 5 |

Section 4. First Aid Measures

Eyes:

IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

Skin:

IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION.REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER.IN CASE OF SKIN CONTACT, FLUSH PROMPTLY WITH ABUNDANT WATER.WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.

Inhalation:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR.IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

Ingestion:

IF SWALLOWED CONTACT PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. INDUCE VOMITING ONLY ON ADVICE OF PHYSICIAN.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:

WATER SPRAY OR MIST, CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

3 of 7 Pages

MATERIALS.

Precautions for Fire Fighting:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Hazardous Combustion Products:

CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Section 6. Accidental Release Measure

Personal Precautions/ Protective Equipment:

REMOVE ALL UNNECESSARY PERSONNEL AND VENTILATE AREA.FOR PERSONAL PROTECTIVE EQUIPMENT SEE SECTION 8.

Environmental Precautions:

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

Methods for Cleaning Up:

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM.PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

Section 7. Handling and Storage

Precautions for Safe Handling:

KEEP CONTAINER CLOSED WHEN NOT IN USE.WASH CONTAMINATED CLOTHING BEFORE RE-WEARING.WEAR CHEMICAL RESISTANT GLOVES.WEAR CHEMICAL SPLASH GOGGLES.AVOID BREATHING MISTS OR VAPORS.AVOID CONTACT WITH EYES, SKIN AND CLOTHING.USE ONLY WITH ADEQUATE VENTILATION.

Conditions for Safe Storage:

STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING._KEEP CONTAINER TIGHTLY CLOSED AND STORED IN A WELL VENTILATED PLACE.

Incompatibilities:

STRONG OXIDIZERS.

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

4 of 7 Pages

Section 8. Exposure Controls and Personal Protection

Exposure Limits

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Exposure Limit/Value</u> | <u>Type</u> | <u>Source</u> |
|---|--------------|-----------------------------|-------------|---------------|
| 5(or 6)-CARBOXY-4-HEXYLCYCLOHEX-2-ENE-1-OCTANOIC ACID | 53980-88-4 | None | None | None |
| ETHOXYLATED NONYLPHENOL PHOSPHATE | 51811-79-1 | None | None | None |

Appropriate Engineering Controls:

SAFETY SHOWER/EYE BATH.GOOD GENERAL VENTILATION SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS PRESENT.

Personal Protective Equipment

Eyes:

CHEMICAL SPLASH GOGGLES AND FACESHIELD (8' MIN).

Skin:

WEAR CHEMICAL RESISTANT GLOVES, CLOTHING AND FOOTWEAR.

Respiratory:

IF AIRBORNE CONCENTRATIONS POSE A HEALTH HAZARD, BECOME IRRITATING, OR EXCEED RECOMMENDED LIMITS, USE A NIOSH APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA RESPIRATORY PROTECTION REQUIREMENTS UNDER 29 CFR 1910.134.

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

5 of 7 Pages

Section 9. Physical and Chemical Properties

Appearance:CLEAR AMBER LIQUID

Odor: FATTY ODOR

pH: 7.0 (1% sol)

Solubility in Water:SOLUBLE

Specific Gravity @ 25C:1.10 g/mL

Boiling Point: 212° F

Flash Point: >300° F (TCC)

Viscosity @ 25C: 1500 cps

Melting Point: Not Available

Freezing Point: Not Available

Vapor Pressure @ 25C: Not Available

Evaporation Rate: Not Available

Section 10. Stability and Reactivity

Chemical Stability:

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

Conditions to Avoid:

STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

Incompatible Materials:

STRONG OXIDIZERS.

Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Possibility of Hazardous Reactions:

NONE ARE KNOWN.

Section 11. Toxicological Information

Acute Health Effects:

Eyes:

WILL CAUSE MODERATE TO SEVERE EYE IRRITATION.

Skin:

PROLONGED OR REPEATED CONTACT WITH THE UNDILUTED PRODUCT WILL CAUSE SKIN IRRITATION.

Ingestion:

SWALLOWING THIS PRODUCT MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, AND VOMITING.

Inhalation:

BREATHING VAPORS AT ELEVATED TEMPERATURES MAY CAUSE RESPIRATORY IRRITATION.

Chronic Health Effects:

NOT DETERMINED.

Toxicity Values:

5(or 6)-CARBOXY-4-HEXYLCYCLOHEX-2-ENE-1-OCTANOIC ACID

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

6 of 7 Pages

LD50 Oral (rat) 6,176 mg/kg

Section 12. Ecological Information

Ecotoxicity:

5(or 6)-CARBOXY-4-HEXYLCYCLOHEX-2-ENE-1-OCTANOIC ACID

LC50 Daphnia 22.5 mg/L (48h)

LC50 Pimephales promelas 15 mg/L (96h)

Persistence and Degradability:

NO DATA AVAILABLE.

Bioaccumulative Potential:

NO DATA AVAILABLE.

Mobility in Soil:

NO DATA AVAILABLE.

Other Adverse Effects:

NO DATA AVAILABLE.

Section 13. Disposal Considerations

DISPOSE OF ONLY BY METHODS APPROVED BY AND USED IN ACCORD WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Section 14. Transportation Information

DOT Road Shipment Information (49 CFR 172.101):

NON REGULATED

Ocean Shipment (IMDG):

NON REGULATED

Air Shipment (IATA):

NON REGULATED

Section 15. Regulatory Information

TSCA Status: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.

Safety Data Sheet

PRODUCT NAME:ALKOLUB 8736

7 of 7 Pages

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

No

Section 304 CERCLA Hazardous Substances:

No

Section 311/312 Hazard Class:

Acute: Yes

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals:

None

Other Regulatory Information:

NO DATA AVAILABLE.

Section 16. Other Information

HMIS Profile:

Health:

1

Flammability:

1

Reactivity:

0

Personal Protection:

B

General Information

ATTENTION: DO NOT REUSE CONTAINER FOR PURPOSES OTHER THAN ORIGINALLY INTENDED. EMPTIED CONTAINER RETAINS VAPOR OR PRODUCT RESIDUE. DO NOT REUSE UNLESS CONTAINER IS THOROUGHLY RECONDITIONED.FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND SDS.

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This is the last Page